

From: [Pocze, Doug](#)
To: [D'Agostino, Daniel](#)
Cc: [Hartzell, Sharon](#)
Subject: RE: NJ PFAS Factsheet Update - JBMDL
Date: Tuesday, July 09, 2019 3:16:40 PM

Dan,

Here is updated info for PFAS and BNL.
Feel free to edit.
Working on the others.

doug

Brookhaven National Laboratory

TALKING POINTS

- Brookhaven National Laboratory (BNL) is proceeding in a stepwise fashion to determine if on-base Per and Polyfluoroalkyl (PFAS) sources are potentially impacting off-base drinking water. Suffolk County and New York State Department of Environmental Conservation (NYSDEC) requested off-base drinking water sampling of approximately 97 wells and reached an agreement with BNL to conduct sampling which is now underway, with results pending.
- The EPA is working with BNL to develop a plan for addressing contamination at the boundary.

BACKGROUND

- The BNL site is a research and development facility owned by the U.S. Department of Energy (DOE) and located in Upton New York. It was added to the Superfund National Priorities List (NPL) in 1989.
- Historical foam testing areas, petroleum facilities and fire departments at BNL may be potential sources of PFAS from aqueous film forming foam.
- BNL is currently performing PFAS investigations at several areas throughout the site, and Suffolk County and New York State have requested off-base private well sampling which is now underway.
- Perfluorooctanesulfonate (PFOS) and Perfluorooctanoic acid (PFOA), two main chemicals of PFAS, have been detected on base at or downgradient of foam release areas.
- Suffolk County Department of Health Services requested off-base sampling of approximately 97 private drinking water wells. Five private wells have been tested so far, with PFOS/PFOA levels below the health advisory level. The remaining off-base drinking water wells are currently being sampled, with results pending.
- BNL has agreed to a stepwise investigation, starting with on-base areas and moving off-base. They are currently conducting sampling in the third phase of the on-base investigation.
- In March 2017, BNL potable supply wells were sampled for PFAS compounds for the first time. Detections were noted in the first sampling and confirmed in 2017 and 2018. To date, the maximum combined concentration of PFOS and PFOA detected in the supply wells was 70.4 ppt.
- BNL initiated a Preliminary Assessment process in 2018, starting with an initial phase to characterize PFAS contamination in the source water contribution area of the supply wells.
- Phase 2 of the investigation focused on PFAS contamination in eight locations where firefighting foam was released. PFAS has been detected at levels greater than the EPA's health advisory levels at or downgradient of BNL's fire station, with the highest exceedance being 12,144 ppt total PFOS and PFOA. The highest concentration observed at near-boundary wells was 122.9 ng/L
- BNL is currently in Phase 3 of the investigation, which will investigate onsite groundwater treatment systems, groundwater downgradient of two closed landfills, and in select monitoring wells.
- EPA has encouraged boundary sampling of the facility. BNL has sampled 33 wells at the Western South Boundary and South Boundary and found PFOS and/or PFOA

in 26 out of 33 wells, with the maximum combined PFOS/PFOA concentration at 69.2 ng/L. BNL is also installing temporary Geoprobe wells at the boundary which will be sampled for both PFOS/PFOA and 1,4-dioxane.

From: DAgostino, Daniel
Sent: Tuesday, July 09, 2019 11:32 AM
To: Pocze, Doug <Pocze.Doug@epa.gov>
Subject: RE: NJ PFAS Factsheet Update - JBMDL

Yes, unless there are others that you could provide information for. I am not sure who the POC for American Cyanamid is.

We have to update the list for New York as well (attached). The sites are as follows:

Hoosick Falls – WD can handle this one.

Gabreski – WD can also do this.

Brookhaven National Labs – Would you be able to provide update to this one as well?

I appreciate you putting time into this and I'm sorry it is so short notice. Please give me a call if you have any more questions.

Dan

From: Pocze, Doug
Sent: Tuesday, July 09, 2019 11:23 AM
To: DAgostino, Daniel <DAgostino.Daniel@epa.gov>
Cc: Ash, Christine <Ash.Christine@epa.gov>
Subject: RE: NJ PFAS Factsheet Update - JBMDL

Ok... so you're asking for us to update just the JBMDL and FAA bullets?

From: DAgostino, Daniel
Sent: Tuesday, July 09, 2019 10:59 AM
To: Pocze, Doug <Pocze.Doug@epa.gov>
Cc: Ash, Christine <Ash.Christine@epa.gov>
Subject: NJ PFAS Factsheet Update - JBMDL
Importance: High

Hi Doug ,

The acting director of the Office of Water has requested updated talking points and situational awareness New Jersey's PFAS sites to prepare her for participating in as a representative on a White House Infrastructure Panel. As a result we have been asked to update our existing factsheets.

Could you please provide update of the JBMDL section by tomorrow, noon? Apologies for the short notice!

Thank you,
Dan

Daniel D'Agostino

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